

WHAT IS CLAIMED IS:

1. A region data describing method for
describing, over a plurality of frames, region data
about a region of an arbitrary object existing in a
video, the region data describing method comprising:

extracting position data of a representative point
of an approximate figure approximating the region or a
characteristic point of the region from the plurality
of frames;

determining a function approximating a trajectory
which links corresponding representative points or
corresponding characteristic points of successive
frames, the function being represented by a parameter;
and

describing the parameter of the function as the
region data.

2. The region data describing method according to
claim 1, further comprising describing information
specifying a leading frame or a trailing frame of said
plurality of frames as the region data.

3. The region data describing method according to
claim 2, further comprising describing information of
the type of the approximate figure as the region data.

4. The region data describing method according to
claim 2, further comprising describing information of
the number of the approximate figure as the region
data.

1. *Staphylococcus aureus* (Staph. aureus)
 2. *Staphylococcus epidermidis* (Staph. epidermidis)
 3. *Staphylococcus saprophyticus* (Staph. saprophyticus)
 4. *Staphylococcus carnosus* (Staph. carnosus)
 5. *Staphylococcus sciuri* (Staph. sciuri)
 6. *Staphylococcus hyalogenus* (Staph. hyalogenus)
 7. *Staphylococcus lentus* (Staph. lentus)
 8. *Staphylococcus saprophylus* (Staph. saprophylus)
 9. *Staphylococcus coagulans* (Staph. coagulans)
 10. *Staphylococcus aureus* (Staph. aureus)

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an extracting circuit configured to extract position data of a representative point of an approximate figure approximating the region or a

[illegible]

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13. The region data generating apparatus according to claim 8, wherein

a plurality of the representative points or the characteristic points are included in a certain frame, and

the region data includes information specifying correspondence among a plurality of said representative points or characteristic points in the certain frame and a plurality of said representative points or characteristic points in an adjacent frame.

14. The region data generating apparatus according to claim 8, wherein said describing circuit describes related information related to the object or information indicating a method of accessing to the related information.

15. A storing medium storing a computer program for describing, over a plurality of frames, region data about a region of an arbitrary object existing in a video, the computer program comprising:

a first program code of extracting position data of a representative point of an approximate figure approximating the region or a characteristic point of the region from the plurality of frames;

a second program code of determining a function approximating a trajectory which links corresponding representative points or corresponding characteristic points of successive frames, the function being represented by a parameter; and

a third program code of describing the parameter

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of the function.

16. The storing medium according to claim 15,
wherein said third program code describes information
specifying a leading frame or a trailing frame of said
plurality of frames.

17. The storing medium according to claim 16,
wherein said third program code describes information
of the type of the approximate figure.

18. The storing medium according to claim 16,
wherein said third program code describes information
of the number of the approximate figure.

19. The storing medium according to claim 15,
wherein the parameter is position data of knots of the
trajectory and information specifying the trajectory
and used together with position data of the knots of
the trajectory.

20. The storing medium according to claim 15,
wherein

a plurality of the representative points or the
characteristic points are included in a certain frame,
and

said third program code describes information
specifying correspondence among a plurality of said
representative points or characteristic points in the
certain frame and a plurality of said representative
points or characteristic points in an adjacent frame.

21. The storing medium according to claim 15,

wherein said third program code describes related information related to the object or information indicating a method of accessing to the related information.

5 22. The storing medium according to claim 15,
wherein the region data comprises identification
information of the object, information specifying a
leading frame and a trailing frame of said plurality of
frames, information related to the object, information
10 indicating a method of accessing to the related
information, information of the number of the
approximate figure, and approximate figure information
which includes information of the type of the
approximate figure, number information of the
15 representative point, and function data of a spline
function approximating the trajectories of the
representative point which includes knot information,
order information of the spline function, and
coefficient information of the spline function.

20 23. The storing medium according to claim 15,
wherein the region data comprises identification
information of the object, information specifying a
leading frame and a trailing frame of said plurality of
frames, related information related to the object,
25 information indicating a method of accessing to the
related information, and characteristic point
information which includes information of the number of

